

JP8246232A 19960924 POLYPROPYLENE HEAT-FUSED FIBER AND NONWOVEN

FABRIC Assignee/Applicant: SHOWA DENKO KK **Inventor(s)** : TAKAHASHI TETSUYA ; NAKAMURA AKIRA ; KOTANI TERUMITSU **Priority (No,Kind,Date)** : JP8076195 A

19950313 X **Application(No,Kind,Date)**: JP8076195 A 19950313 **IPC**: 6D 01F 6/46 A

Language of Document: NotAvailable **Abstract**:

PURPOSE: To obtain a thermally fusible fiber not having a waxy touch but having a dry and soft skin touch as a single layered thermally fusible fiber easy in the production, and having a high fusion strength even fused at a relatively low temperature, and to produce a thermally fused nonwoven fabric from the same.

CONSTITUTION: A polypropylene thermally fusible fiber is produced from a resin composition comprising a polypropylene resin and silica and/or a fatty acid amide in an amount of 0.1-3.0wt.% based on the polypropylene resin and having a lower crystallization heat generation-starting temperature [TCS ($^{\circ}\text{C}$)] than a value calculated by an equation:

$\text{TCS } (^{\circ}\text{C}) = 0.094\text{CE}^2 - 4.13\text{CE} + 127^{\circ}\text{C}$ (CE is an ethylene content %), and a

polypropylene thermally fused nonwoven fabric is produced.

Legal Status: There is no Legal Status information available for this patent